NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

State Pollutant Discharge Elimination System (SPDES)
DISCHARGE PERMIT

Industrial Code:	**2033**	SPDES Number:	**NY0000523**
Discharge Class (CL):	**01**	DEC Number:	**8-5446-00002/00002**
Toxic Class (TX):	**N**	Effective Date (EDP):	**09/01/ 2009**
Major Drainage Basin:	**03**	Expiration Date (ExDP):	**08/31/ 2014**
Sub Drainage Basin:	**02**	Modification Dates:(EDPM)	**08/01/2010, 12/01/2010**
Water Index Number:	**ONT- 93-3**		
Compact Area:	**IJC**		

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act, as amended, (33 U.S.C. §1251 et.seq.)(hereinafter referred to as "the Act").

PERMITTEE NAME AND ADDRESS

Name: **Mott's LLP** Attention: **Thomas Freeman**

Street: **4363 Route 104**

City: **Williamson** State: **NY** Zip Code: **14589**

is authorized to discharge from the facility described below:

FACILITY NAME AND ADDRESS

Name: **Mott's LLP**

Location (C,T,V): **Williamson** County: **Wayne**

Facility Address: **4363 Route 104**

City: **Williamson** State: **NY** Zip Code: **14589**

NYTM -E: **323.399** NYTM - N: **4789.346**

From Outfall No.: **001** at Latitude: **43 ° 14 ′ 33 ″** & Longitude: **77 ° 10 ′ 43 ″**

into receiving waters known as: **Tributary 3 to Salmon Creek** Class: **C**

Other Outfalls, Receiving Waters & Water Classifications:

Outfall 004: Tributary 3 to Salmon Creek, Class C

in accordance with: effluent limitations; monitoring and reporting requirements; other provisions and conditions set forth in this permit; and 6 NYCRR Part 750-1.2(a) and 750-2.

DISCHARGE MONITORING REPORT (DMR) MAILING ADDRESS

Mailing Name: **Mott's LLP**

Street: **4363 Route 104**

City: **Williamson** State: **NY** Zip Code: **14589**

Responsible Official or Agent: Thomas Freeman Phone: **315-589-4911**

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed, or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for permit renewal not less than 180 days prior to the expiration date shown above.

DISTRIBUTION:

RPA/RWE
CO-BWP Permit Coordinator
USEPA, Reg 2: Attention Michelle Josilo
IJC
NYSDOH Co. Office

Deputy Chief Permit Administrator: Stuart M. Fox

Address: Division of Environmental Permits
625 Broadway
Albany, NY 12233-1750

Signature: Stuart M. Fox Date: 11/ 12/ 10

PERMIT LIMITS, LEVELS AND MONITORING DEFINITIONS

OUTFALL	WASTEWATER TYPE	RECEIVING WATER	EFFECTIVE	EXPIRING
	This cell describes the type of wastewater authorized for discharge. Examples include process or sanitary wastewater, storm water, non-contact cooling water.	This cell lists classified waters of the state to which the listed outfall discharges.	The date this page starts in effect. (e.g. EDP or EDPM)	The date this page is no longer in effect. (e.g. ExDP)

PARAMETER	MINIMUM	MAXIMUM	UNITS	SAMPLE FREQ.	SAMPLE TYPE
e.g. pH, TRC, Temperature, D.O.	The minimum level that must be maintained at all instants in time.	The maximum level that may not be exceeded at any instant in time.	SU, °F, mg/l, etc.		

PARA-METER	EFFLUENT LIMIT	PRACTICAL QUANTITATION LIMIT (PQL)	ACTION LEVEL	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE
	Limit types are defined below in Note 1. The effluent limit is developed based on the more stringent of technology-based standards, required under the Clean Water Act, or New York State water quality standards. The limit has been derived based on existing assumptions and rules. These assumptions include receiving water hardness, pH and temperature; rates of this and other discharges to the receiving stream; etc. If assumptions or rules change the limit may, after due process and modification of this permit, change.	For the purposes of compliance assessment, the analytical method specified in the permit shall be used to monitor the amount of the pollutant in the outfall to this level, provided that the laboratory analyst has complied with the specified quality assurance/quality control procedures in the relevant method. Monitoring results that are lower than this level must be reported, but shall not be used to determine compliance with the calculated limit. This PQL can be neither lowered nor raised without a modification of this permit.	Type I or Type II Action Levels are monitoring requirements, as defined below in Note 2, that trigger additional monitoring and permit review when exceeded.	This can include units of flow, pH, mass, Temperature, concentration. Examples include µg/l, lbs/d, etc.	Examples include Daily, 3/week, weekly, 2/month, monthly, quarterly, 2/yr and yearly.	Examples include grab, 24 hour composite and 3 grab samples collected over a 6 hour period.

Note 1: DAILY DISCHARGE.: The discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for the purposes of sampling. For pollutants expressed in units of mass, the 'daily discharge' is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the 'daily discharge' is calculated as the average measurement of the pollutant over the day.

DAILY MAX.: The highest allowable daily discharge. DAILY MIN.: The lowest allowable daily discharge.

DAILY AVG or 30 DAY ARITHMETIC MEAN (30 day average).: The highest allowable average of daily discharges over a calendar month, calculated as the sum of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

7 DAY ARITHMETIC MEAN (7 day average): The highest allowable average of daily discharges over a calendar week.

30 DAY GEOMETRIC MEAN: The highest allowable geometric mean of daily discharges over a calendar month, calculated as the antilog of : the sum of the log of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

7 DAY GEOMETRIC MEAN: The highest allowable geometric mean of daily discharges over a calendar week.

RANGE: The minimum and maximum instantaneous measurements for the reporting period must remain between the two values shown.

Note 2: ACTION LEVELS: Routine Action Level monitoring results, if not provided for on the Discharge Monitoring Report (DMR) form, shall be appended to the DMR for the period during which the sampling was conducted. If the additional monitoring requirement is triggered as noted below, the permittee shall undertake a short-term, high-intensity monitoring program for the parameter(s). Samples identical to those required for routine monitoring purposes shall be taken on each of at least three consecutive operating and discharging days and analyzed. Results shall be expressed in terms of both concentration and mass, and shall be submitted no later than the end of the third month following the month when the additional monitoring requirement was triggered. Results may be appended to the DMR or transmitted under separate cover to the same address. If levels higher than the Action Levels are confirmed, the permit may be reopened by the Department for consideration of revised Action Levels or effluent limits. The permittee is not authorized to discharge any of the listed parameters at levels which may cause or contribute to a violation of water quality standards. TYPE I : The additional monitoring requirement is triggered upon receipt by the permittee of any monitoring results in excess of the stated Action Level. TYPE II: The additional monitoring requirement is triggered upon receipt by the permittee of any monitoring results that show the stated action level exceeded for four of six consecutive samples, or for two of six consecutive samples by 20 % or more, or for any one sample by 50 % or more.

PERMIT LIMITS, LEVELS AND MONITORING

OUTFALL No.	WASTEWATER TYPE	RECEIVING WATER	EFFECTIVE	EXPIRING
001, 004	Process wastewater, contact cooling water and stormwater	Tributary 3 to Salmon Creek	09/01/2010	08/31/2014

OUTFALL NO	WASTEWATER TYPE	PARAMETER	COMPLIANCE LIMIT		UNITS	SAMPLE FREQUENCY	SAMPLE TYPE
			Daily Avg.	Daily Max.			
001	Process wastewater treatment plant effluent discharge to drainage ditch	Flow	Monitor	Monitor	MGD	Continuous	Recorder
		Settleable Solids	Monitor	0.3	ml/l	1/day	Grab
		pH (range)	6.0 – 9.0		SU	1/day	Grab
		BOD_5	417	634	lbs/day	1/week	Calculated
		Suspended Solids	438	656	lbs/day	1/week	Calculated
		Zinc, Total	Monitor	Monitor	mg/l	Quarterly	24-hr comp
		Ammonia, Total (Nov – April) as NH_3	2.20	Monitor	mg/l	Monthly	24-hr comp
		Ammonia, Total, (May – October) as NH_3	1.5	Monitor	mg/l	Monthly	24-hr comp
004	Combined discharge to Tributary 3 of Salmon Creek	BOD_5	25	38	mg/l	1/week	24-hr comp
		Temperature	Monitor	90	^oF	1/day	Grab
		Total Residual Chlorine	Monitor	0.1	mg/l	1/day	Grab
		Ammonia (as NH_3)	Monitor	Monitor	mg/l	1/week	24-hr comp
		pH (range)	6.0 – 9.0		SU	1/day	Grab
		Dissolved Oxygen	Monitor	5.0 (Daily Minimum)	mg/l	1/week	Grab

STORMWATER DISCHARGE MONITORING REQUIREMENT

OUTFALL No.	WASTEWATER TYPE	RECEIVING WATER	EFFECTIVE	EXPIRING
003, 005, 006, 007, 008, 009	Stormwater discharge	Tributary 3 to Salmon Creek	09/01/2010	08/31/2014

WASTEWATER TYPE		PARAMETER	COMPLIANCE LIMIT	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE
			Daily Max.	mg/l		
003 005 006 007 008 009	Stormwater discharge to drainage ditch (sic codes 2033 & 4211)	Observation for color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil, and any other obvious indicators of stormwater pollution.	NA	NA	Quarterly	Visual
009	Stormwater discharge to drainage ditch (sic code 4221)	Oil & Grease	Monitor	mg/l	Annual	Grab
		Chemical Oxygen Demand (COD)	Monitor	mg/l	Annual	Grab
		Benzene	Monitor	mg/l	Annual	Grab
		Ethyl benzene	Monitor	mg/l	Annual	Grab
		Toluene	Monitor	mg/l	Annual	Grab
		Xylene	Monitor	mg/l	Annual	Grab
		pH (range)	Monitor	mg/l	Annual	Grab

ADDITIONAL MONITORING & REPORTING REQUIREMENTS

In addition to the monitoring required on page 3 of 7, the permittee shall perform the following process control monitoring of its wastewater treatment systems:

PARAMETER	UNITS	FREQUENCY	SAMPLE TYPE	MONITORING LOCATION
BOD_5	lbs/day	1/week	24-hr composite	A
Solids, Suspended	lbs/day	1/week	24-hr composite	A
TKN (As N)	lbs/day	1/week	24-hr composite	A
pH	SU	Continuous	Recorder	A
MLSS	mg/l	1/week	Grab	B
MLVSS	mg/l	1/week	Grab	B
Dissolved Oxygen	mg/l	1/day	Grab	B
BOD_5	lbs/day	1/week	24-hr composite	C
Solids, Suspended	lbs/day	1/week	24-hr composite	C
Ammonia (As NH_3)	mg/l	1/week	24-hr composite	C

A = Raw wastewater after screening & neutralization.
B = Each of the three (3) aeration basins.
C = Process wastewater treatment plant effluent prior to drainage ditch.

The monitoring data required on this page and on page 3 shall be summarized and reported monthly to the Regional Water engineer on a "Wastewater Facility Operation Report" in a format acceptable to the Department. The operation reports shall be submitted no later than the 28th day of the month following the end of each reporting period and should accompany the Regional Water Engineer's copy of the monthly Discharge Monitoring Report.

WATER TREATMENT CHEMICAL (WTC) APPROVAL REQUIREMENTS

(a) WTC use shall not exceed the rate reported by the permittee or authorized below, whichever is less.

(b) The discharge shall not cause or contribute to a violation of water quality or an exceedance of ambient water quality criteria.

(c) **The permittee must maintain a logbook** of all WTC use, noting for each WTC the date, time, exact location, and amount of each dosage, and, the name of the individual applying or measuring the chemical. The logbook must also document that adequate process controls are in place to ensure that excessive levels of WTCs are not used and subsequently discharged through outfalls. The permittee shall retain the logbook data for a period of at least 5 years. This period may be extended by request of the DEC.

(d) **The permittee shall provide an annual report**, attached to the December DMR, containing the following information for each outfall: the current list of WTCs authorized for use and discharge by the DEC, for each WTC the amount in pounds used during the year, identification of authorized WTCs the permittee no longer uses, and any other pertinent information.

List of WTCs Authorized for Use and Discharge

Affected Outfall(s)	Dosage (Average), lbs/day	Maximum Concentration mg/l	WTC Manufacturer and Product Name	Date Mfg signed	WTC Function
001	11.65	3.22	Rochester Midland Corporation/BFW-83	11/11/09	Boiler feed water – prevents scale and corrosion in boiler
001	8.80	2.43	Rochester Midland Corporation/OS 15	11/11/09	Oxygen scavenger for boiler water corrosion control
001	10.97	3.03	Rochester Midland Corporation/ RLT-280	11/11/09	Condensate corrosion inhibitor
001	5.84	1.61	Rochester Midland Corporation/CS-28	11/11/09	Corrosion and scale inhibitor for cooling water systems
001	15.1	4.17	Rochester Midland Corporation/PT 112	11/11/09	Prevents scale and corrosion in water systems
001	2.28	0.63	Rochester Midland Corporation/EQC-3	11/12/09	Prevents scale and corrosion in water systems
001	131.9	2.0	Neosolutions/NS4431	11/9/09	Polymeric Flocculant

SPECIAL CONDITIONS - INDUSTRY BEST MANAGEMENT PRACTICES

1. **General** - The permittee shall develop, maintain, and implement a Best Management Practices (BMP) plan to prevent releases of significant amounts of pollutants to the waters of the State through plant site runoff; spillage and leaks; sludge or waste disposal; and stormwater discharges including, but not limited to, drainage from raw material storage.

   The BMP plan shall be documented in narrative form and shall include the 13 minimum BMPs and any necessary plot plans, drawings, or maps. Other documents already prepared for the facility such as a Safety Manual or a Spill Prevention, Control and Countermeasure (SPCC) plan may be used as part of the plan and may be incorporated by reference. A copy of the current BMP plan shall be submitted to the Department as required in item (2.) below and a copy must be maintained at the facility and shall be available to authorized Department representatives upon request.

2. **Compliance Deadlines** - The initial completed BMP plan shall be submitted **within 6 months of EDPM** to the Regional Water Engineer. The BMP plan shall be implemented within 6 months of submission. The BMP plan shall be reviewed annually and shall be modified whenever: (a) changes at the facility materially increase the potential for releases of pollutants; (b) actual releases indicate the plan is inadequate, or (c) a letter from the Department identifies inadequacies in the plan. The permittee shall certify in writing, as an attachment to the December Discharge Monitoring Report (DMR), that the annual review has been completed. Subsequent modifications to or renewal of this permit does not reset or revise these deadlines unless a new deadline is set explicitly by such permit modification or renewal.

3. **Facility Review** - The permittee shall review all facility components or systems (including but not limited to material storage areas; in-plant transfer, process, and material handling areas; loading and unloading operations; storm water, erosion, and sediment control measures; process emergency control systems; and sludge and waste disposal areas) where materials or pollutants are used, manufactured, stored or handled to evaluate the potential for the release of pollutants to the waters of the State. In performing such an evaluation, the permittee shall consider such factors as the probability of equipment failure or improper operation, cross-contamination of storm water by process materials, settlement of facility air emissions, the effects of natural phenomena such as freezing temperatures and precipitation, fires, and the facility's history of spills and leaks. The relative toxicity of the pollutant shall be considered in determining the significance of potential releases.

4. **13 BMPs** - Whenever the potential for a release of pollutants to State waters is determined to be present, the permittee shall identify BMPs that have been established to prevent or minimize such potential releases. Where BMPs are inadequate or absent, appropriate BMPs shall be established. In selecting appropriate BMPs, the permittee shall consider good industry practices and, where appropriate, structural measures such as secondary containment and erosion/sediment control devices and practices. USEPA guidance for development of stormwater elements of the BMP is available in the September 1992 manual *Storm Water Management for Industrial Activities,* EPA 832-R-92-006 (available from NTIS, (703) 487-4650, order # PB 92235969).

   The BMPs are listed below:

   1. BMP Pollution Prevention Team
   2. Reporting of BMP Incidents
   3. Risk Identification & Assessment
   4. Employee Training
   5. Inspections and Records
   6. Security
   7. Preventive Maintenance
   8. Good Housekeeping
   9. Materials/Waste Handling, Storage, & Compatibility
   10. Spill Prevention & Response
   11. Erosion & Sediment Control
   12. Management of Runoff
   13. Street Sweeping

   Note that for some facilities, especially those with few employees, some of the above BMPs may not be applicable. It is acceptable in these cases to indicate “Not Applicable” for the portion(s) of the BMP Plan that do not apply to your facility, along with an explanation.

DISCHARGE NOTIFICATION REQUIREMENTS

a) The permittee shall continue to maintain the existing identification signs at all outfalls to surface waters, which have not been waived by the Department in accordance with 17-0815-a. The sign(s) shall be conspicuous, legible and in as close proximity to the point of discharge as is reasonably possible while ensuring the maximum visibility from the surface water and shore. The signs shall be installed in such a manner to pose minimal hazard to navigation, bathing or other water related activities. If the public has access to the water from the land in the vicinity of the outfall, an identical sign shall be posted to be visible from the direction approaching the surface water.

The signs shall have **minimum** dimensions of eighteen inches by twenty four inches (18" x 24") and shall have white letters on a green background and contain the following information:

N.Y.S. PERMITTED DISCHARGE POINT

SPDES PERMIT No.: NY_____

OUTFALL No. :____

For information about this permitted discharge contact:

Permittee Name: _____

Permittee Contact: _____

Permittee Phone: ( ) - ### - ####

OR:

NYSDEC Division of Water Regional Office Address :

NYSDEC Division of Water Regional Phone: ( ) - ### -####

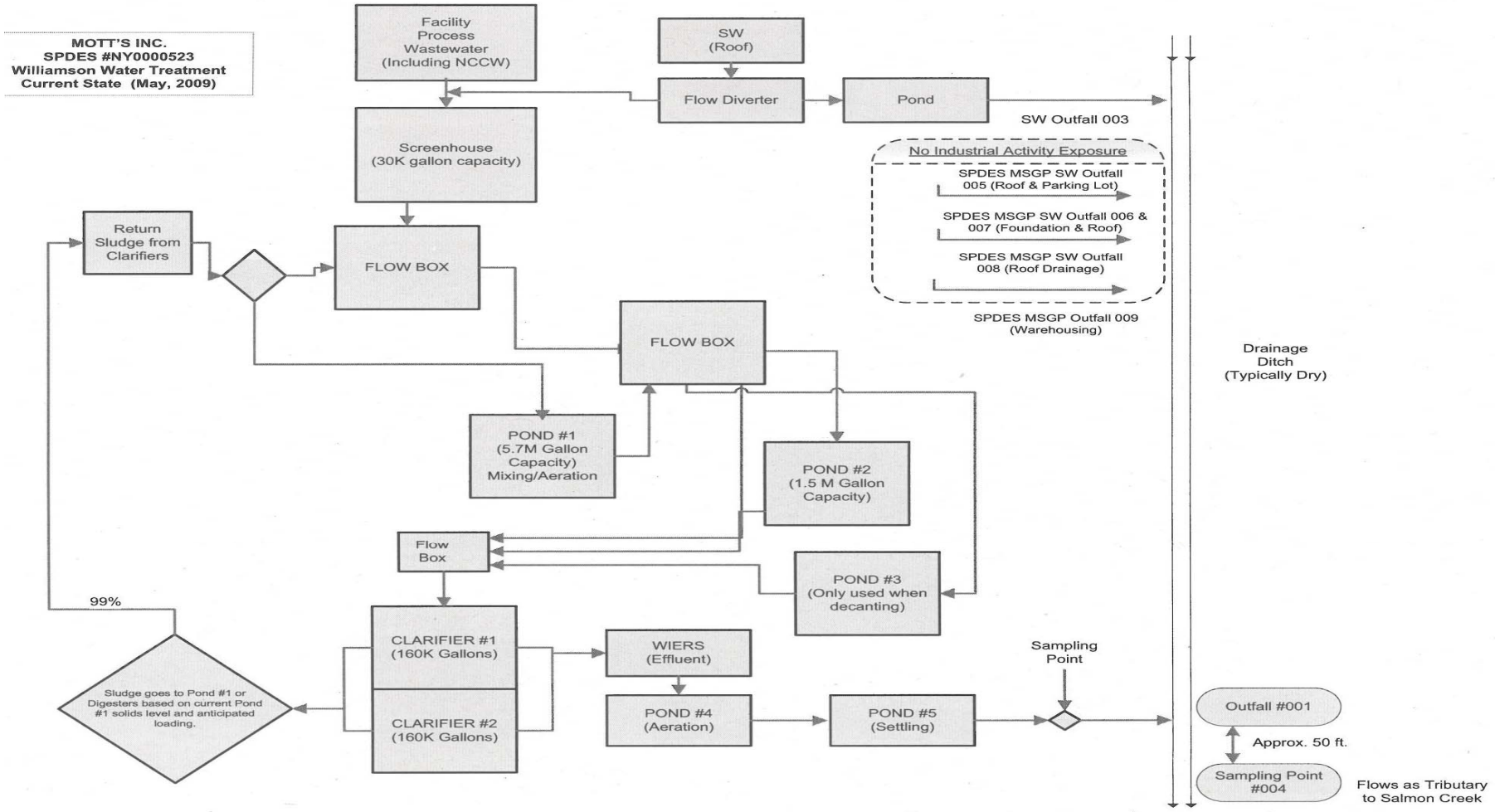
b) For each discharge required to have a sign in accordance with a), the permittee shall provide for public review at a repository accessible to the public, copies of the Discharge Monitoring Reports (DMRs) as required by the **RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS** page of this permit. This repository shall be open to the public, at a minimum, during normal daytime business hours. The repository may be at the business office repository of the permittee or at an off-premises location of its choice (such location shall be the village, town, city or county clerk's office, the local library or other location as approved by the Department). In accordance with the **RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS** page of your permit, each DMR shall be maintained on record for a period of five years.

c) The permittee shall periodically inspect the outfall identification signs in order to ensure that they are maintained, are still visible and contain information that is current and factually correct.

MONITORING LOCATIONS

The permittee shall take samples and measurements, to comply with the monitoring requirements specified in this permit, at the location(s) specified below:

001 - Wastewater treatment plant effluent prior to drainage ditch. 002 - No discharge allowed. 004 - In drainage ditch approximately 50 feet downstream of outfall 001.	**Note:** Stormwater outfalls 005-009 were previously covered under the Multi-Sector General Permit. Coverage for these discharge points has now been transferred to this individual SPDES permit. Outfall 003, previously a cooling water outfall, has been modified to stormwater only.



RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS

a) The permittee shall also refer to 6 NYCRR Part 750-1.2(a) and 750-2 for additional information concerning monitoring and reporting requirements and conditions.

b) The monitoring information required by this permit shall be summarized, signed and retained for a period of three years from the date of the sampling for subsequent inspection by the Department or its designated agent. **Also, monitoring information required by this permit shall be summarized and reported by submitting;**

[X] (if box is checked) completed and signed Discharge Monitoring Report (DMR) forms for each one month reporting period to the locations specified below. Blank forms are available at the Department's Albany office listed below. The first reporting period begins on the effective date of this permit and the reports will be due no later than the 28th day of the month following the end of each reporting period.

[ ] (if box is checked) an annual report to the Regional Water Engineer at the address specified below. The annual report is due by February 1 and must summarize information for January to December of the previous year in a format acceptable to the Department.

[X] (if box is checked) a monthly "Wastewater Facility Operation Report..." (form 92-15-7) to the:
[X] Regional Water Engineer and/or [ ] County Health Department or Environmental Control Agency specified below

Send the **original** (top sheet) of each DMR page to:

Department of Environmental Conservation
Division of Water
Bureau of Watershed Compliance Programs
625 Broadway
Albany, New York 12233-3506

Phone: (518) 402-8177

Send the **first copy** (second sheet) of each DMR page to:

Department of Environmental Conservation
Regional Water Engineer
6274 East Avon-Lima Road
Avon, New York 14414

Phone: 585-226-5450

c) Noncompliance with the provisions of this permit shall be reported to the Department as prescribed in 6 NYCRR Part 750-1.2(a) and 750-2.

d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

e) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR Part 136 or as specified in this permit, the results of this monitoring shall be included in the calculations and recording of the data on the Discharge Monitoring Reports.

f) Calculation for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.

g) Unless otherwise specified, all information recorded on the Discharge Monitoring Report shall be based upon measurements and sampling carried out during the most recently completed reporting period.

h) Any laboratory test or sample analysis required by this permit for which the State Commissioner of Health issues certificates of approval pursuant to section five hundred two of the Public Health Law shall be conducted by a laboratory which has been issued a certificate of approval. Inquiries regarding laboratory certification should be sent to the Environmental Laboratory Accreditation Program, New York State Health Department Center for Laboratories and Research, Division of Environmental Sciences, The Nelson A. Rockefeller Empire State Plaza, Albany, New York 12201.